

FORM PTO-1449  
(Rev. 2-32)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
A3-171 US

SERIAL NO.

10/648,904

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANTAPPLICANT  
Hirata et al.

FILING DATE

GROUP

2839

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SN	AA	5,161,985	11/10/1992	Ramsey	439	74	
	AB	5,199,884	04/06/1993	Kaufman et al.	439	74	
	AC	5,445,529	08/29/1995	Yamamoto	439	81	
	AD	5,545,051	08/13/1996	Summers et al.	439	350	
	AE	5,599,192	02/04/1997	Olson	439	65	
	AF	5,813,871	09/29/1998	Grabbe et al.	439	108	
	AG	5,830,018	11/03/1998	Simmel	439	660	
	AH	5,836,773	11/17/1998	McHugh et al.	439	74	
SN	AI	5,882,212	03/16/1999	McHugh et al.	439	74	
	AJ						
	AK						
	AL						
	AM						
	AN						
	AO						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AP							
	AQ							
	AR							
	AS							

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

SN	AT		United States Patent Application Publication, US 2001/0027036 A1, Published 10/04/2001
	AU		

SON NGUYEN

12/20/03